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Values and Thoughts:

Nurses' Ability to Make Clinical Judgments

Theory Derivation in Moral Development

Philosophies Behind Holism and Nursing Process

Ethnic Power Perspectives for Nursing

Official Publication of the National League for Nursing

NURSING & HEALTH CARE

VOLUME 11, NUMBER 6 JUNE 1990

FEATURES

Experience, Education, and Nurses' Ability to Make Clinical Judgments
By Dorothy del Bueno 290

The author looks at clinical judgment, a "complex skill involving several cognitive phases and integrative processes," as one of the most important aspects of a nurse's work. Good clinical judgment, without a doubt, is desirable for both individuals and organizations.

Ethnic Power Perspectives for Nursing
By Joanne Marchione and Susan J. Stearns 296

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N&HC apologizes for an April error in which a Becton Dickinson release identifies Pamela Maraldo as NLN president. Dr. Patty L. Hawken is president.

NURSING & HEALTH CARE offers diverse views on subjects of interest to readers. Articles represent the opinions of individual contributing authors and are not necessarily those of the National League for Nursing.

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The Role of NLN Data in Assessing the Nursing Shortage

Recent issues of *Nursing & Health Care* have reported the preliminary findings from the 1989 annual survey of nursing educational programs. These data, *in addition to other data sources*, are used by the federal government to make manpower decisions. Graduation and enrollment statistics, while important components in determining the nursing supply, do not suffice in determining the extent of a shortage.

Two distinct dimensions—supply *and* demand—need to be addressed in order to project a nursing shortage properly. In a nutshell, if the number of new graduations exceeds the number of RNs leaving the supply through retirement, death, or nonrenewal of license, the supply will not diminish. If, however, the number of new graduates fails to replace the number of those leaving the profession through attrition, then the supply will shrink. At no time in the recent past has the supply of RNs decreased. In fact, the supply has grown consistently. NLN data is clearly an important component of the supply model. Another critical piece of the supply model is the *Sample Survey of Registered Nurses*, a study conducted by the Division of Nursing and most recently fielded in 1988.

The Secretary's Commission on Nursing and others have concluded that, despite the decline in nursing enrollments and graduations, the current nursing shortage is *not* the result of a shrinking supply but of overwhelming demand for RNs from all sectors of the health care delivery system. Data elements required to assess demand include the extent to which employers cannot fill budgeted positions, the patterns of utilization of nursing personnel and those socioeconomic trends that impact demand, i.e. the aging population, spread of AIDS, etc.

This clarification hopefully will help individuals better understand the methods used in determining the nursing shortage and the role NLN data play in this important endeavor.

Peri Rosenfeld, PhD
Vice President, Division of Research

Trends Are Encouraging, but the Shortage Isn't Over Yet

President Patty L. Hawken, PhD, RN, of the National League for Nursing has released the data on student enrollments, graduations, and admissions in nursing for the 1989 school year. For the first time in a decade, the annual survey, which includes all schools of nursing in the nation, showed a dramatic upturn in numbers of students in the profession. Fall 1989 revealed an increase of 8.9% in the number of enrollments over fall 1988.

Hawken cautioned observers of the enrollment trends that the sheer number of nurses will by no means address the nursing shortage. "While the increase in enrollments is encouraging, the outlook for the immediate shortage remains guarded," she said. "As the Secretary of Health & Human Services' Commission on Nursing pointed out last year, the root cause of the shortage lies in the utilization of nurses. If nurses are used to their fullest potential, not only will the shortage be resolved, but more importantly, nurses can address many of the most serious problems plaguing health care delivery in the nation." In particular, she explained, nurses have the proven ability to lower the cost of care.

"Study after study has demonstrated that nurses can realize extraordinary cost savings in providing basic health care services, such as care for the elderly and chronically ill, and pre- and postnatal care to lower the nations' unacceptably high infant mortality rate," Hawken pointed out. "It has been repeatedly shown that properly utilized nurses can substantially cut direct costs. They also provide the kind of preventative care that keeps people out of very expensive—and traumatic—critical care settings, thereby cutting costs even more dramatically."

The Data

Associate degree programs led the growth with a 10.6% increase in student enrollments. Diploma programs followed with an 8.3% increase, and baccalaureate programs registered a 6.8% growth.

Number of Enrollments on October 15, 1989

	No.	% Change
BSN	74,865	+6.8
ADN	106,175	+10.6
Diploma	20,418	+8.3
Total	201,458	+8.9

Graduations continued to decline in all but the associate degree programs, which reported a slight increase of 1.2%. The overall 5% drop is a result of the decreases in enrollments reported over the past 4 years. With the latest reports of increased enrollments and admissions, however, the graduation numbers are likely to rise in the near future.

Number of Graduations, 1989

	No.	% Change
BSN	18,997	−11.6
ADN	37,837	+1.2
Diploma	4,826	−18.9
Total	61,660	−4.9

NLN maintains the most comprehensive database in existence for nursing education statistics—data reports compiled from the annual surveys are based on a 100% response rate. It is a nonprofit coalition of nurses, other health professionals, and consumers working to maintain and enhance the quality of health care. NLN pursues its quality mission through accreditation and consultation services, continuing education programs, test services, research, publishing, video production, and through policy intitiatives on behalf of nursing and consumers.

Grantsmanship: Process and Art

Qualitative Research

Two Views on Accreditation

Research on Nurses: The Cost

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FEATURES

Grantsmanship: The Process/The Art 346

Jean A. Kelly and Janice T. Gay

This two-part article looks closely at the mechanics and the art of obtaining grants. Those readers familiar with grantsmanship may learn something new while beginning grant writers will learn how to proceed.

Qualitative Research: Instructional Strategies and Curricular Considerations 354

Carla Mariano

The author, a dean at NYU's Division of Nursing, closely examines qualitative research. Included are discussions of theory; overview; data collection, management, and analysis and interpretations; evaluation; and academic support.

Two Views on Accreditation

Accreditation: Quality for All to See 362

Patricia Moccia

How to Prepare for an NLN Self-Study 363

Ruth Strutz and Fredericka Gilje

Two articles offer contrasting personal approaches to the process of program accreditation. Readers of *Nursing & Health Care* are invited to comment on the differing strategies and perspectives of accreditation.

Research on Nurses: The Cost 371

Janie V. Harris, Janet P. Taylor, and Victoria T. Durkee

This study by faculty at the University of Southern Mississippi in Hattiesburg is a survey of the state boards of all 50 states and the District of Columbia as to the cost of obtaining information about registered nurses.

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Research on Nurses: The Cost

Janie V. Harris, Janet P. Taylor, and Victoria T. Durkee

The purpose of this study was to survey state boards of nursing in each of the 50 states and the District of Columbia to ascertain the cost of obtaining information concerning registered nurses. A survey tool (Table 1) was mailed to all 51 state boards of nursing. A cover letter was attached requesting participation in the survey. A self-addressed stamped return envelope was included to help expedite return of the survey. There was a 100% response rate to the survey. The results are recorded in Table 2.

Table 2 is designed to give the nurse researcher baseline information that can be used when planning a research budget. It is advisable to check with the state of interest before paying any of the fees listed. Included in Table 2 are the names, addresses, and telephone numbers of the state boards of nursing for each state. The total number of registered nurses is listed in column two and includes all active and inactive nurses who hold a license in the state. Column three lists the cost to obtain a list of names of the RNs listed in column two. This cost, unless otherwise noted, is for a computer printout only. All prices are based on the December 1988 numbers for RNs and must be verified with each state prior to the payment of fees. Column four lists additional data that can be obtained from the original sample of RNs. In addition to name, address and zip code, the following information, number-coded below, can be used to group the data.

1. Field of employment
2. Highest degree
3. Sex
4. Speciality area
5. Type of position
6. Nurse practitioner
7. Major clinical practice area
8. Active or inactive RN
9. Race
10. Date of birth
11. County of residence
12. Marital status
13. Full-time or part-time
14. Social Security number
15. License number
16. Alphabetical list
17. License renewal data
18. Age

Finally, column five is an indication of any additional costs incurred above the cost for a list of all RNs. It is based on any additional data obtained as outlined in column four.

In addition to fee payment, most states need a request in writing submitted in advance of the processing of a request for names. The request should indicate the projected use of the names. Any tools that would be mailed to the nurses on the lists should be enclosed. For further information regarding the use of names for research purposes, contact the state board of nursing for the state of interest.

Table 1

Survey of State Boards of Nursing— Retrieval of Names from Computer Systems to Utilize as Samples for Nursing Research

1. Approximate number of licensed RNs in your state
2. Cost of processing request for data (if applicable), names and addresses of all licensed RNs in your state
3. Cost of processing request for data: Names and addresses of all RNs who have master's or higher degrees
4. Extra charge for generating a random sample of all RNs
5. Cost of creating computer program to generate data, if one is not already available
   ☐ (a) All RNs ☐ (b) Master's or higher
6. Minimum cost for generating names from computer
   ☐ (a) All RNs ☐ (b) Master's or higher
7. Cost of computer time per minute
8. Additional cost of a secondary agency to generate data, if applicable
9. Is data base in a mainframe or microcomputer?
10. What type of information is available, i.e., by category or specialty area?
11. Cost of the additional information

Janie V. Harris, MSN, RNC, and Janet P. Taylor, MSN, RN, OCN, are assistant professors of nursing, and Victoria T. Durkee, MS, RN, is an instructor at the University of Southern Mississippi in Hattiesburg.

Table 2

Reference Chart for Obtaining Names of RNs

State Board of Nursing	No. of RNs	Cost for List of All RNs	Add'l Data	Cost
Alabama Board of Nursing, Suite 203, 500 Eastern Blvd., Montgomery, AL 36117, (205) 261-4060	32,000	$640	1,2,3,4, 5,7,9,12	0
Alaska Board of Licensing, P.O. Box D-LIC, Juneau, AK 99811-0800, (907) 465-2544	5,069	$100 minimum, then 1¢/name	15	No response
Arizona Board of Nursing, Suite 103, 5050 N. 19th Ave., Phoenix, AZ 85015, (602) 255-5092	35,400	$60 first 1,000, $10 each add'l 1,000 labels	1,2,5,7,8, 11,13,15	0
Arkansas Board of Nursing, University Tower Bldg., Suite 800, 1123 S. University Avenue, Little Rock, AR 72204, (501) 371-2751	17,710	$20	8,11	0
California Board of Registered Nursing, Suite 200, P.O. Box 944210, 1030 13th St., Sacramento, CA 94244-2100, (916) 322-3350	241,944	$9,677.76	4,6	$50/list

State Board of Nursing	No. of RNs	Cost for List of All RNs	Add'l Data	Cost
Colorado Board of Nursing, 1525 Sherman St., Rm. 132, State Services Bldg., Denver, CO 80203, (303) 866-2871	31,000	$785	0	0
Connecticut Board of Examiners for Nursing, 150 Washington St., Hartford, CT 06106, (203) 566-1041	38,371	$230 list, $90 magnetic tape	No response	0
Delaware Board of Nursing, Margaret O'Neill Bldg., Federal & Court Sts., Dover, DE 19901, (302) 736-4522	8,000	$40	0	0
District of Columbia Board of Nursing, 614 H St., NW, Washington, DC 20001, (202) 727-7468	16,000	No response	0	0
Florida Board of Nursing, 111 E. Coastline Dr., Suite 504, Jacksonville, FL 32202, (904) 359-6331	116,458	$646.74	2,4	No response
Georgia Board of Nursing, 166 Pryor St., SW, Suite 400, Atlanta, GA 30303, (404) 656-3943	50,000	1¢/name	16	$475
Hawaii Board of Nursing, Box 3469, Honolulu, HI 96801, (808) 548-3086	8,000–12,000	Not available; not on computer	0	0
Idaho Board of Nursing, 500 S. 10th St., Suite 102, Boise, ID 83720, (208) 334-3110	8,308	$75 list, $75 labels	0	0
Illinois Department of Registration and Education, 320 W. Washington St., Springfield, IL 62786, (217) 785-0800	113,066	$202.22	0	0
Indiana State Board of Nursing, Health Professions Bureau, One American Sq., Suite 1020, P.O. Box 82067, Indianapolis, IN 46282-0004, (317) 232-2960	53,494	$350 list, $100 magnetic tape	2,10,11,15	No response
Iowa Board of Nursing, 1223 E. Court, Des Moines, IA 50319, (515) 281-3255	50,000	$442	1,2,3,4,5,6, 7,8,9,10, 12,13	0
Kansas Board of Nursing, Landon State Office Bldg., 900 SW Jackson, Rm. 551, Topeka, KS 66612-1256, (913) 296-4929	25,000	$30 set-up + $12/1000 names list, $30 set-up + 3¢/label	0	0
Kentucky Board of Nursing, 4010 Dupont Circle, Suite 430, Louisville, KY 40207, (502) 897-5143	30,000	$450	1,2,11, 13,14	$40/hr.
Louisiana Board of Nursing, 150 Baronne St., Rm. 907, New Orleans, LA 70112, (504) 568-5464	30,000	$25	0	0
Maine Board of Nursing, 295 Water St., Augusta, ME 04330, (207) 289-5324	14,000	$35	8	0
Maryland Board of Nursing, 201 W. Preston St., Baltimore, MD 21201, (301) 225-5880	47,000	$170	0	0
Massachusetts Board of Registration in Nursing, 100 Cambridge St., Rm. 1519, Boston, MA 02202, (617) 727-7393	87,700	$40/1,000, $50 next 1,000, $40 up to 10,000 list; $200 first 1,000, then $50/1,000 labels	4,6	0
Michigan Board of Nursing, P.O. Box 30018, Lansing, MI 48909, (517) 373-1600	80,318	$68 magnetic tape	4,14,15	$79
Minnesota Board of Nursing, 2700 University Avenue, W, #108, St. Paul, MN 55114, (612) 642-0567	42,000	$40 first 1,000 $5 each additional 1,000 labels: $6.50/1,000 tape: $8/1,000	3,17	Varies
Mississippi Board of Nursing, 239 N. Lamar, Suite 401, Jackson, MS 39201, (601) 359-6170	17,276	$199	1,2,6,7,8	No response
Missouri Board of Nursing, 3523 N. Ten Mile Drive, P.O. Box 656, Jefferson City, MO 65102, (314) 751-2334	52,000	$22.50 directory $25–$45/1,000	1,2,3,4,5, 8,9,18	$36/hr.
Montana Board of Nursing, Dept. of Commerce, 1424 9th Ave., Helena, MT 59620, (406) 444-4279	8,900	3¢/name	1,2,4,8,11	No response
Nebraska Board of Nursing, Box 95007, Lincoln, NB 68509, (402) 471-2115	17,240	1¢/name list, 3¢/name label	0	0
Nevada Board of Nursing, 1281 Terminal Way, Suite 116, Reno, NV 89502, (702) 786-2778	9,000	1¢/name	No response	0

State Board of Nursing	No. of RNs	Cost for List of All RNs	Add'l Data	Cost
New Hampshire Board of Nursing, Div. of Public Health Services, Health and Welfare Bldg., 6 Hazen Drive, Concord, NH 03301-6527, (603) 271-2323	18,000	Not available; not on computer	0	0
New Jersey Board of Nursing, 1100 Raymond Blvd., Rm. 319, Newark, NJ 07102, (201) 648-2490	98,000	$650	0	0
New Mexico Regulation and Licensing Department/Nursing, 4125 Carlisle, NE, Albuquerque, NM 87107, (505) 841-6524	9,024	4¢/name labels	1,7,11,16	No response
New York Board for Nursing, State Education Dept., Cultural Education Center, Albany, NY 12230, (518) 474-3843	279,650	$615	0	0
North Carolina Board of Nursing, Box 2129, Raleigh, NC 27602, (919) 828-0740	55,586	$20/1,000 up to 10,000, then 1¢/name	1,2,5,7,13	$35/hr.
North Dakota Board of Nursing, 919 S. 9th St., Suite 504, Bismarck, ND 58501, (701) 224-2974	6,500	15¢/name list, 2¢/name	1,2,15	No response
Ohio Board of Nursing Education and Nurse Registration, 65 S. Front St., Rm. 509, Columbus, OH 43226-0316, (614) 466-3947	120,000	$100 magnetic tape, 8.2¢/name labels	14	No response
Oklahoma Board of Nurse Registration and Nursing Education, 2915 N. Classen Blvd., Suite 524, Oklahoma City, OK 73106, (405) 525-2076	50,000	$7.50/1,000 labels, 2¢/page lists, $5.80 for tape	6	$1/list
Oregon Board of Nursing, 1400 SW 5th Ave., Rm. 904, Portland, OR 97201, (503) 229-5653	27,000	$42	6	$1/list
Pennsylvania Board of Nursing, P.O. Box 2649, Harrisburg, PA 17105-2649, (717) 783-7146	171,746	$929.73 book	6,15	No response
Rhode Island Board of Nurse Registration and Nursing Education, Cannon Health Bldg., Room 104, 75 Davis St., Providence, RI 02908, (401) 277-2827	14,000	$140	0	0
South Carolina Board of Nursing, 1777 St. Julian Pl., Suite 102, Columbia, SC 29204, (803) 737-6594	22,000	8¢/name list, 10¢/name labels	1,2,3,4,9,13	Negotiable
South Dakota Board of Nursing, 304 S. Phillips Ave., Suite 205, Sioux Falls, SD 57102, (605) 334-1243	15,554	$200	2,4,8,10,18	Varies
Tennessee Board of Nursing, Bureau of Manpower and Facilities, 283 Plus Park Blvd., Nashville, TN 37219-5401, (615) 367-6232	66,000	$35	1,2,4,5,18	$35
Texas Board of Nurse Examiners, Suite 225, 1300 E. Anderson Lane, Bldg. C., Austin, TX 78752, (512) 835-4880	95,957	$75/1st 5,000, $10/1,000 tape; $75/1st 5,000, $15/1,000 disk; $50/1st 5,000, $10/1,000 list; $75/1st 5,000, $15/1,000 labels	0	0
Utah Division of Occupational & Professional Licensing, Board of Nursing, Heber M. Wells Bldg., 4th Fl., 160 E. 300 S., P.O. Box 45802, Salt Lake City, UT 84145, (801) 530-6733	10,621	$100	4,8,15	0
Vermont Board of Nursing, Redstone Bldg., 26 Terrace St., Montpelier, VT 05602, (802) 828-2396	10,820	$5 set-up, plus 3¢/name	4,15	No response
Virginia Board of Nursing, 1601 Rolling Hills Drive, Richmond, VA 23229, (804) 662-9909	57,000	$400	0	0
Washington Board of Nursing Licensing Information, Div. of Professional Licensing, Box 9649, Olympia, WA 98504, (206) 753-2206	48,000	Varies	15	0
West Virginia Brd. of Examiners for Registered Nurses, Rm. 309, Embleton Bldg., 922 Quarrier St., Charleston, WV 25301, (304) 348-3596	17,000	$43.50/1,000 labels	1,2	No response
Wisconsin Board of Nursing, Rm. 174, P.O. Box 8935, Madison, WI 53708, (608) 266-3735	47,975	$15 1st 100, then $3.50/1,000	15	No response
Wyoming Board of Nursing, Barrett Bldg., Suite One, 2301 Central Avenue, Cheyenne, WY 82002, (307) 777-7601	3,277	$25 base, $8 labels, $4 list, $2 S&H, $14/hr X 3	2,10,11,18	0